

ER Site No. 146: Bldg 9920 Drain System

ADS: 1295

Operable Unit: Septic Tanks and Drainfields

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Site History

ER Site 146 includes a drywell that served a darkroom sink in Bldg. 9920. Bldg. 9920, the Explosive Test Facility is located in Coyote Test Field outside Technical Area III and about 1.05 km (0.65 mi) east of Bldg. 6630. Bldg. 9920 was constructed in 1958 for explosive testing. It contained a darkroom primarily used for black and white film processing. Prior to 1965, when the darkroom was removed, waste solutions from the darkroom were discharged into a sink located in the southeast corner of the building. A drain line from the sink discharged to a drywell located approximately 1.8 m (6 ft) south of the building. There are no sanitary facilities or floor drains inside the building. No data exist regarding past sampling of the local soils or any of the wastewater discharge system. No estimated effluent volumes exist for this site. The sink was removed and the drywell is no longer in use.

The site is approximately 155 meters (505 feet) above the regional water table.

Constituents of Concern

The constituents of concern are photoprocessing chemicals (silver, cadmium, hexavalent chromium, and cyanide).

Current Hazards

No known surface or subsurface hazards have been identified, based on environmental soil and soil-gas sampling that has been conducted at the site.

Current Status of Work

A passive soil gas survey was performed in the summer of 1994, but no volatile organic compound anomalies were detected.

Soil sampling in the fall of 1994 indicated that no detectable concentrations of hazardous or radioactive constituents were released to the environment at this site.

A confirmatory sampling No Further Action (NFA) proposal was submitted to New Mexico Environment Department/Hazardous Radioactive Materials Bureau (NMED/HRMB) in September 1995, and "official" NFA comments were received from NMED/HRMB in April 1997. SNL replied to the NMED comments in June 1997.

Future Work Planned

Additional work may be completed at this site pursuant to the Small Septic Systems Sample and Analysis Plan (SAP).

Waste Volume Estimated/Generated

No waste was generated at this site.

Information for ER Site 146 was last updated Aug 15, 2001.